

HUNTINGTON SANITARY BOARD

Industrial Pretreatment Division



"Keeping Water Clean"

**Industrial Waste Discharge
Permit Application**

TABLE OF CONTENTS

WHO MUST FILE PERMIT APPLICATION	3
WASTE SAMPLING AND ANALYSIS REQUIREMENTS.....	3
CERTIFICATION OF PERMIT APPLICATION.	4
GENERAL INSTRUCTION FOR COMPLETING PERMIT APPLICATION.....	4
SUBMISSION OF COMPLETED PERMIT APPLICATION.	4
TABLE 1 - LIST OF SPECIFIC POLLUTANTS.	5
POLLUTANT GROUP A: CONVENTIONAL POLLUTANTS.....	5
POLLUTANT GROUP B: METALS AND INORGANICS.....	5
POLLUTANT GROUP C-1: VOLATILE ORGANICS.....	5
POLLUTANT GROUP C-2: ACID-FRACTION ORGANICS.....	6
POLLUTANT GROUP C-3: BASE-NEUTRAL FRACTION ORGANICS.....	6
POLLUTANT GROUP C-4: PESTICIDES AND PCB'S.....	7
<u>INDUSTRIAL WASTE DISCHARGE PERMIT APPLICATION.....</u>	8
PART I - GENERAL INFORMATION.....	9
PART II - CERTIFICATION.....	10
PART III - PRODUCTION OR OPERATING CHARACTERISTICS.	11
PART IV - WATER SUPPLY INFORMATION.	12
PART V - WASTEWATER DISCHARGE INFORMATION.....	13
PART VI - PRIORITY POLLUTANT/HAZARDOUS MATERIAL INFORMATION.....	19
PART VII - INFORMATION ON OTHER POTENTIALLY TOXIC POLLUTANTS.....	20

INSTRUCTIONS FOR COMPLETING AND SUBMITTING INDUSTRIAL WASTE DISCHARGE PERMIT

WHO MUST FILE A PERMIT APPLICATION?

Any significant Industrial User, as defined in the Huntington Sanitary Board's Rules and Regulations Governing Industrial Sewer Use, who currently discharges or is proposing to discharge any industrial wastewater or other non-domestic wastewater to the Board's sewerage system must prepare and submit a completed Industrial Waste Discharge Permit Application to the Board.

WASTE SAMPLING AND ANALYSIS REQUIREMENTS:

1. ALL permit applicants which currently discharge or are proposing to discharge an existing Industrial wastewater or other non-domestic wastewater to the Board's sewer system are required to submit an analysis of the waste discharge for all Group A, B, & C parameters ¹ As listed in Table I of this application. Group B and C Priority Pollutants are as designated by the United States Environmental Protection Agency (EPA), listed in Table I and in 40 CFR 403 Appendix B of the Code of Federal Regulations. Note: When performing the required GC/MS analysis of the wastewater, ALL other pollutants that are present, as indicated by peaks on the reconstructed gas chromatogram, must also be identified by reference to an EPA/NIH Mass Spectral library and quantified to the maximum extent possible based on the nearest internal standard. Any substance with a response less than 10 percent of the nearest internal standard is not required to be identified.
2. Normally, only sample results from within the last year will be accepted by the Board. However, sample results from within the last three years may be acceptable, if all parameters are reported and all data is representative of the present waste discharge. Factors which will render prior samples unrepresentative include significant changes in production or water usage, raw materials, production processes, final products or pretreatment processes.
3. At least one (1) separate sampling event must be reported for EACH process wastewater, Including contact cooling water, discharge or connection to the public sewer system. For batch discharges lasting less than four hours, a sampling event shall consist of a single grab sample from the contents of a well-mixed tank, or at least four (4) grab samples collected at approximately equal time intervals over the duration of the discharge. For any discharges lasting four hours or more, a sampling event shall consist of at least four (4) grab samples, one collected during the first hour (or less) of the discharge period and then an additional grab sample (up to a minimum of four) taken in each succeeding hour of the discharge period as necessary. Grab samples should then be composited to run one analysis.
4. All sampling and pollutant measurements required for this permit application shall be representative of the volume and nature of the normal wastewater discharge from the applicant's facility and collected as per 40 CFR 403 Appendix E. Sampling and analyses shall be performed by a qualified independent laboratory, certified by the West Virginia Division of Environmental Protection, in accordance with the procedures established by the Clean Water Act and contained in 40 CFR Part 136, as amended, and are subject to approval by the Board.

¹ Except for dairy, meat and other food processing industries which will be responsible for the analysis of Group A CONVENTIONAL POLLUTANTS only.

² Although this list appears in the Steam Generating Pretreatment Standards it is a holding place for priority pollutants for all programs.

CERTIFICATION OF PERMIT APPLICATION:

All permit applications must be signed and certified by either the facility owner, a partner or a corporate officer or another responsible individual authorized to represent the permit applicant.

GENERAL INSTRUCTIONS FOR COMPLETING PERMIT APPLICATION:

Answer all of the questions and complete the permit application as thoroughly as possible. The permit application is designed to allow simple fill in the blank responses and “Yes” or “No” answers for most of the questions. All questions should be answered to the best of your knowledge to facilitate and expedite the review and evaluation of your permit application. If a particular question does not apply to your facility, indicate “Not Applicable” or “N.A.” for that question. Similarly, if you are uncertain of an answer to a question or confused by a question, indicate “Don’t Know” or “?” for that question and continue to the next question. If the Board requires any further information about your facility and your industrial or non-domestic wastewater discharge (s) after receiving the completed permit application or wishes to schedule an on-site inspection of the facility, a Board representative will contact you.

SUBMISSION OF COMPLETED PERMIT APPLICATION:

The permit applicant should return: (1) The completed permit application; (2) The required analyses of the proposed wastewater discharge; (3) A check for the initial permit application fee of \$400.00 made out to:

The Huntington Sanitary Board.

If you have any questions about the permit application or application requirements, please contact The Huntington Sanitary Board’s Pretreatment Coordinator, Paul McDonald, at:

The Huntington Sanitary Board
Office of Pretreatment
PO Box 7098
Huntington, WV 25775
Phone (304) 696-5917
Fax (304) 696-5575

pmcdanald@huntingtonsb.com

TABLE I - LIST OF SPECIFIC POLLUTANTS

A. Conventional Pollutants:

1. Five-Day Biochemical Oxygen Demand (BOD)
2. Chemical-Oxygen Demand (COD)
3. Total Suspended Solids (TSS)
4. Total Dissolved Solids (TDS)
5. Ammonia Nitrogen
6. Oil & Grease (Freon Extractables)
7. pH
8. Total Organic Carbon (TOC)
9. Total Organic Halogen (TOX)
10. Cyanide (Total)
11. Total Phenolic Compounds (4-AAP)

Priority Pollutants

Pollutant Group B: Metals and Inorganics

114 Antimony	115 Arsenic
117 Beryllium	118 Cadmium
119 Chromium (Total)	120 Copper
000 Chromium (Hexavalent)	122 Lead
123 Mercury ¹	000 Zinc
124 Nickel	125 Selenium
116 Asbestos	127 Thallium
126 Silver	

¹ USEPA Method 245.7 Rev. 2.0 or Method No. 1631 E must be used for analysis of Mercury, Total.

Pollutant Group C-1: Volatile Organics *

002 Acrolein	003 Acrylonitrile
004 Benzene	047 Bromoform
006 Carbon tetrachloride	007 Chlorobenzene
051 Chlorodibromomethane	016 Chloroethane
019 2-chlorethyl vinyl ether	023 Chloroform
048 Dichlorobromomethane	013 1, 1-dichloroethane
010 1, 2-dichloroethane	029 1, 1-dichloroethylene
032 1, 2-dichloropropane	033 1, 3-dichloropropylene
038 Ethylbenzene	046 Methyl bromide
045 Methyl chloride	044 Methylene chloride
015 1, 1, 2, 2-tetrachloroethane	085 Tetrachloroethylene
086 Toluene	030 1,2-trans-dichloroethylene
011 1, 1, 1-trichloroethane	014 1, 1, 2-trichloroethane
087 Trichloroethylene	088 Vinyl chloride

Pollutant Group C-2: Acid-Fraction Organics *

024	2-chlorophenol	031	2, 4-dichlorophenol
034	2, 4-dimethylphenol	060	4, 6-dinitro-o-cresol
059	2, 4-dinitrophenol	057	2-nitrophenol
058	4-nitrophenol	022	p-chloro-m-cresol
021	2, 4, 6-trichlorophenol	065	Phenol
064	Pentachlorophenol		

Pollutant Group C-3: Base-Neutral Fraction Organics *

001	Acenaphthene	077	Acenaphthylene
078	Anthracene	005	Benzidine
072	Benzo (a) anthracene	073	Benzo (a) pyrene
075	3, 4-benzo-fluoranthene	079	Benzo (ghi) perylene
075	Benzo (k) fluoranthene	043	Bis (2-chloroethoxy) methane
018	Bis (2-chloroethyl) ether	042	Bis (2-chloroisopropyl) ether
066	Bis (2-ethylhexyl) phthalate	041	4-bromophenyl phenyl ether
067	Butyl benzyl phthalate	020	2-chloronaphthalene
040	4-chlorophenyl phenyl ether	076	Chrysene
082	Dibenzo (a, h) anthracene	025	1, 2-dichlorobenzene
026	1, 3-dichlorobenzene	027	1, 4-dichlorobenzene
028	3, 3-dichlorobenzidine	070	Diethyl phthalate
071	Dimethyl phthalate	068	Di-n-butyl phthalate
035	2, 4-dinitrotoluene	036	2, 6-dinitrotoluene
069	Di-n-octyl phthalate	037	1, 2-diphenylhydrazine (as Azobenzene)
039	Flouranthene	009	Hexachlorobenzene
080	Fluorene	053	Hexachlorocyclopentadiene
052	Hexachlorobutadiene	083	Indeno (1,2,3-cd) pyrene
012	Hexachloroethane	055	Naphthalene
054	Isophorone	061	N-nitrosodimethylamine
056	Nitrobenzene	062	N-nitrosodiphenylamine
063	N-nitrosodi-n-propylamine	084	Pyrene
081	Phenanthrene		
008	1,2,4-trichlorbenzene		

Pollutant Group C-4: Pesticides and PCB's *

089 Aldrin	102 Alpha BHC
103 Beta BHC	104 Gamma BHC
105 Delta BHC	091 Chlordane
092 4, 4 – DDT	093 4, 4 – DDE
094 4, 4 – DDD	090 Dieldrin
095 Alpha-endosulfan	096 Beta-endosulfan
097 Endosulfan sulfate	098 Endrin
099 Endrin aldehyde	100 Heptachlor
101 Heptachlor epoxide	113 Toxaphene
108 PCB – 1221	109 PPCB – 1232
106 PCB – 1242	110 PCB – 1248
107 PCB – 1254	111 PCB – 1260
112 PCB - 1016	
129 Dioxin: 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD)	

* **Other Organic Pollutants:** When performing the required GC/MS analysis of the wastewater, **ALL** other pollutants that are present, as indicated by peaks on the reconstructed gas chromatogram, must also be identified by reference to an EPA/NIH mass spectral library and quantified to the maximum extent possible based on the nearest internal standard. Substances with a response less than 10 percent of the nearest internal standard are not required to be identified.

HUNTINGTON SANITARY BOARD

INDUSTRIAL WASTE DISCHARGE PERMIT APPLICATION

PART I – GENERAL INFORMATION

Company Name _____

Mailing Address _____

Address of Production Facility, if different from above:

Identify major type of business conducted at the facility (. e.g., print shop, machine shop, electroplating, meat packing, food processing, metal fabricating, automobile, etc.):

Contact Person at Production Facility:

Name _____

Title _____

Phone _____ Fax _____

Name and title of Executive or Official certifying Permit Application:

Name _____

Title _____

PART II - CERTIFICATION

In accordance with the Rules and Regulations Governing Industrial Sewer Use, the undersigned hereby requests an Industrial Waste Discharge Permit to discharge industrial wastes or other non-domestic wastewater to the Board's collection system. In consideration of the granting such a permit, the undersigned hereby agrees:

1. To conduct any wastewater sampling and screening analyses of the proposed industrial and/or non-domestic waste discharge that may be required by the Board to evaluate this permit application at no cost to the Board.
2. To furnish any additional information relative to the proposed industrial or non-domestic waste discharge for which this permit is sought that may be requested by the Board.
3. To accept and abide by the provisions of the Rules and Regulations Governing Industrial Sewer Use adopted by the Board and any other pertinent regulations and/or local municipal ordinances that may be adopted in the future.
4. To pay any surcharges for high strength waste discharges, if applicable, pursuant to the Board's Rules & Regulations and any other fees deemed necessary by the Board to carry out the requirements of its pretreatment program.
5. To provide, construct, operate, and maintain any pretreatment facilities which may be required by the Board as a condition of accepting the proposed industrial or non-domestic waste discharge in an efficient manner at all times and at no expense to the Board.
6. To cooperate at all times with the Board and its representatives in the inspection, sampling, and/or evaluation of the industrial or non-domestic waste discharge proposed by this application and any facilities provided for the pretreatment of the proposed discharge.
7. To notify the Board immediately in the event of any accident, or other circumstance that may result in the discharge into the sewer system of any wastes or pollutants prohibited by the Board's Rules & Regulations Governing Industrial Sewer Use, and 40 CFR 403 ff, or any discharge of any wastewater or pollutants significantly different than the waste characteristics described in this permit application.

To Whom It May Concern:

Based upon my personal inquiry of those individuals directly responsible for obtaining the information reported herein, the undersigned hereby certifies that the information provided in this permit application is familiar to me and that to the best of my knowledge and belief this information is a true, complete, and accurate description of our facility and proposed industrial and/or non-domestic wastewater discharge(s).

Signature of Executive or Company Official

Title: _____ Date: _____

PART III – PRODUCTION OR OPERATING CHARACTERISTICS

Briefly describe the manufacturing, production, or service activities conducted at your facility:

Total number of employees at facility _____

Normal number of operating days per week _____

Normal number of operating hours per day _____

Normal number of employees per shift:

Shift # 1 _____

Shift # 2 _____

Shift # 3 _____

Indicate shifts normally worked each day: (place an “X” where applicable)

	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
Shift # 1	___				___	___	___
Shift # 2	___				___	___	___
Shift # 3	___				___	___	___

Are facilities currently operating at full production? Yes ___ No ___

If No, please indicate approximate percentage of full production that current production Represents. _____%

Is there a regularly scheduled shutdown period for maintenance or vacation? Yes ___ No ___

If Yes, when? _____

PART III – PRODUCTION OR OPERATING CHARACTERISTICS (Continued)

Is the level of production or service activity subject to seasonal variation? Yes ____ No ____

If Yes, please indicate your normal period of:

Full Production _____ to _____

Limited Production _____ to _____

No Production _____ to _____

List Principal Raw Materials Used AND Amount Used Per Year:

1. _____ (Tons or pounds)

2. _____ (Tons or pounds)

3. _____ (Tons or pounds)

4. _____ (Tons or pounds)

List Major Products Manufactured AND Amount Produced Per Year:

1. _____ (Tons or pounds)

2. _____ (Tons or pounds)

3. _____ (Tons or pounds)

4. _____ (Tons or pounds)

Production process is: Batch ____ Continuous ____ Both ____

If both, please indicate: ____% Batch and ____% Continuous

Are there any plans to modify production processes or expand the existing facilities during the next three (3) years?

No ____ Yes ____

If Yes, please describe: _____

PART IV - WATER SUPPLY INFORMATION

Identify all sources of water supply used and estimated usage:

			<u>Average Usage</u>
Public Water	_____ Yes	_____ No	_____ Gallons/Month OR Cubic Feet/Month
Private Wells	_____ Yes	_____ No	_____ Gallons/Month OR Cubic Feet/Month
River Water	_____ Yes	_____ No	_____ Gallons/Month OR Cubic Feet/Month

Other (Describe): _____

Are water recirculation and/or recycling practices utilized at your facility? _____ Yes _____ No

Identify ALL water uses at your facility, the estimated average daily water consumption for each use (if known) and the estimated percentage of the total water consumption that each use represents:

<u>TYPE OF USE</u>	<u>AVERAGE USAGE</u>	<u>% OF TOTAL USE</u>
Domestic (rest rooms, drinking water, etc.)	_____ gal/day	_____ %
Contact Cooling Water	_____ gal/day	_____ %
Jacketed Cooling Water	_____ gal/day	_____ %
Air Conditioning	_____ gal/day	_____ %
Boiler Feed Water	_____ gal/day	_____ %
Contained in Product	_____ gal/day	_____ %
Process Water	_____ gal/day	_____ %
Other (Describe)	_____	_____ %

		TOTAL 100%

PART V – WASTEWATER DISCHARGE INFORMATION

Indicate ALL types of wastewater generated at your facility AND whether or not this type of wastewater is discharged to the public sewer system:

<u>TYPE OF WASTEWATER</u>	<u>WASTEWATER GENERATED</u>	<u>DISCHARGED TO PUBLIC SEWER SYSTEM</u>
Domestic Sewage (restrooms, showers, kitchens, etc.)	Yes ___ No ___	Yes ___ No ___
Noncontact/Jacketed Cooling Water	Yes ___ No ___	Yes ___ No ___
Boiler/Cooling Tower Blowdown	Yes ___ No ___	Yes ___ No ___
Contact Cooling Water	Yes ___ No ___	Yes ___ No ___
Process Wastewater	Yes ___ No ___	Yes ___ No ___
Equipment/Facility Washwater	Yes ___ No ___	Yes ___ No ___
Air Pollution Control Water	Yes ___ No ___	Yes ___ No ___
Storm Water Drainage/Runoff	Yes ___ No ___	Yes ___ No ___

Indicate the estimated average daily quantity of each type of wastewater discharged to the public sewer system (if known) AND the estimated percentage of the total discharge quantity that each type represents:

<u>AVERAGE TYPE OF WASTEWATER</u>	<u>PERCENTAGE DAILY QUANTITY</u>	<u>OF TOTAL QUANTITY</u>
Domestic Sewage (restrooms, showers, kitchens, etc.)	_____ gal/day	_____ %
Noncontact Cooling Water	_____ gal/day	_____ %
Boiler/Cooling Tower Blowdown	_____ gal/day	_____ %
Process Wastewater	_____ gal/day	_____ %
Equipment/Facility Washwater	_____ gal/day	_____ %
Air Pollution Control Water	_____ gal/day	_____ %
Storm Water Drainage/Runoff	_____ gal/day	_____ %
		----- TOTAL 100%

PART V – WASTEWATER DISCHARGE INFORMATION (Continued)

If your facility does not discharge ALL its wastewater or liquid wastes to the public sewer system, indicate the other method or methods of wastewater disposal that are currently used by your facility by placing an “X” after each applicable method:

1. Discharged to septic tank system? _____
2. Discharged to stream or other surface water? _____

NPDES Permit Number _____

3. Discharged to storm sewer? _____
4. Discharged to ground surface? _____
5. Hauled away and disposed by waste hauler(s)?

Provide name and address of waste hauler(s) used:

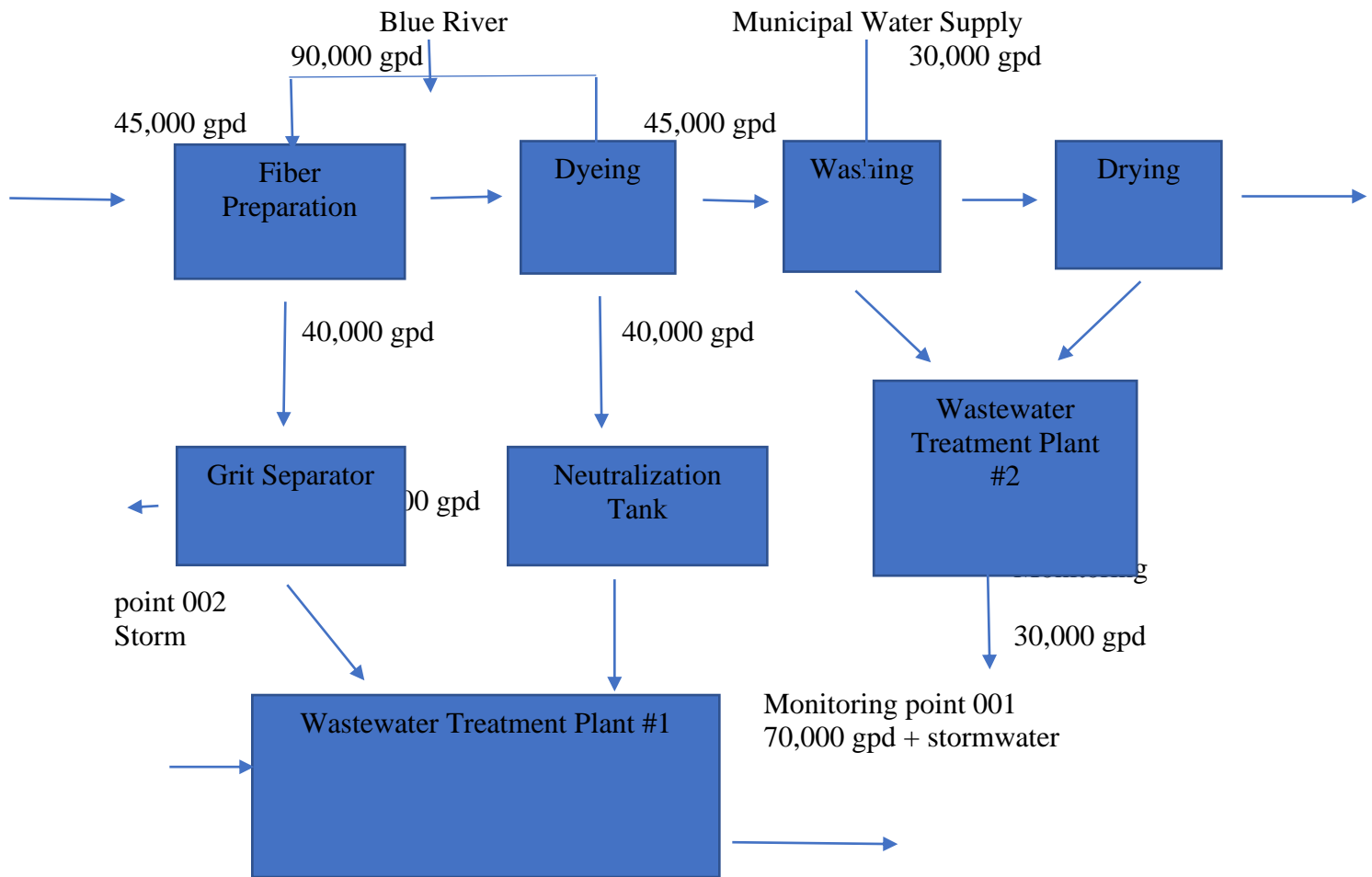
Schematic Line Diagram and Water Balance:

1. Using a separate sheet, prepare a schematic line diagram which illustrates the flow of water and wastewater through your facility. The line drawing should show generally the route taken by water in your facility from the source of water supply to the point of discharge. Show all sources of water supply (i.e., wells, intakes or public supply) and operations contributing wastewater, including process and production area, sanitary flows, cooling water and storm runoff (if applicable).

The water balance should be based on the average monthly flows for the maximum monthly production period. Indicate all significant losses of water to products, atmosphere, discharges to surface waters, and discharges to the public sewer system or other treatment facilities. Actual water consumption and/or wastewater flows should be used whenever available. Where such data is not available, your best estimate should be used.

An example of an acceptable schematic line diagram and water balance is presented in Figure I.

Figure I—Example Line Drawing Showing Process Wastewater, Cooling Water and Storm Water



Schematic of Water Flow
 Company XYZ
 Huntington, WV

PART V - WASTEWATER DISCHARGE INFORMATION (Continued)

Site Plan Showing Discharge Location:

1. Using the space provided on Page 17 (or attach separate drawings), prepare a sketch or site plan of your facility which delineates the property boundaries, adjacent streets, buildings and access roads. At a minimum, the site plan shall clearly indicate the following:
 - A. Description of activities or functions carried out in various areas of the facility, such as production or manufacturing buildings, offices, garages/vehicle maintenance areas, loading and unloading areas, warehouses, chemical storage areas.
 - B. Location of ALL sewers and manholes on the facility grounds and EACH connection to the public sewer system.
 - C. Location of storm sewers, catch basins, water supply lines, flow meter installations, wastewater pretreatment facilities.

2. Site Plan Showing Discharge Locations: (Refer to Instructions on Page 16, attach separate drawing(s), if desired).

PART V – WASTEWATER DISCHARGE INFORMATION (Continued)

Review the following list and place a check or “X” before each waste description that may generally characterize the substances contained in your wastewater discharge(s) to the public sewer system:

- | | |
|---|--|
| <input type="checkbox"/> Acids/Acidic Wastes | <input type="checkbox"/> Phenol/Phenolic Wastes |
| <input type="checkbox"/> Caustic/Alkali Wastes | <input type="checkbox"/> Alcohols |
| <input type="checkbox"/> Metal Pickling Wastes | <input type="checkbox"/> Ethers |
| <input type="checkbox"/> Other Metal Cleaning or Preparation Wastes | <input type="checkbox"/> Soaps, Surfactants & Other Detergents |
| <input type="checkbox"/> Plating Wastes | <input type="checkbox"/> Aldehydes/Ketones |
| <input type="checkbox"/> Electroplating Wastes | <input type="checkbox"/> Organic Acids |
| <input type="checkbox"/> Paints/Inks | <input type="checkbox"/> Petroleum Oil Derivatives |
| <input type="checkbox"/> Pigments/Dyes | <input type="checkbox"/> Radioactive Wastes |
| <input type="checkbox"/> Chlorinated Organic Wastes | <input type="checkbox"/> Brominated Organic Wastes |
| <input type="checkbox"/> Organic Solvents/Thinners | <input type="checkbox"/> Benzene or Derivatives |
| <input type="checkbox"/> Latex Wastes | <input type="checkbox"/> Resins/Monomers |
| <input type="checkbox"/> Flammable Substances | <input type="checkbox"/> Waxes |
| <input type="checkbox"/> Hot Wastes (>104 degree F) | <input type="checkbox"/> Oils, Fats & Greases |
| <input type="checkbox"/> Spent Lime Slurries | <input type="checkbox"/> Inorganic Solids (sand, grit, gravel, etc.) |
| <input type="checkbox"/> Sanitary Sewage Only | |
| <input type="checkbox"/> Other (Describe): _____ | |

Is it possible for an accidental discharge or spill of any of the following substances to enter the public sewer system from a storage or processing area (e.g., via floor drains)?

1. Flammable, explosive, corrosive, low pH, high temperature, etc. solutions
And/or materials?
Yes _____ No _____
2. Material(s) that may cause an obstruction of flow in the sewers?
Yes _____ No _____

PART V – WASTEWATER DISCHARGE INFORMATION (Continued)

3. Conventional pollutant (e.g., BOD, solids, oil & grease, etc.) in an unusual quantity or strength?

Yes _____ No _____

If “Yes” for any of these, please attach a list of such materials.

Does your facility have a Preparedness, Prevention, and Contingency (PPC) Plan or related plan, such as a Pollution Incident Prevention (PIP) Plan or a Spill Prevention Control and Countermeasure (SPCC) Plan approved by the West Virginia Department of Natural Resources or U.S. EPA?

Yes _____ No _____

If “Yes”, please attach and submit a copy of the plan.

PART VI – PRIORITY POLLUTANT/HAZARDOUS MATERIAL INFORMATION

1. Please attach and submit a copy of the required pollutant analysis of your wastewater discharge (see Permit Application Instruction). The analysis shall indicate the date the sample was collected, the date of the analysis, the name of the laboratory that performed the analysis, and the location(s) from which the samples were collected (attach a sketch or plan, as necessary).
2. Does your facility use and/or generate any hazardous waste materials as defined by the Resource Conservation and Recovery Act (RCRA)? Yes _____ No _____
If “Yes”, please attach a copy of your most recent “Notification of Hazardous Waste Activity Form: (EPA Form 8700-12) OR list the EPA’s Hazardous Waste Classification Number and description for EACH material listed below:

HAZARDOUS

WASTE NUMBER

DESCRIPTION OF SUBSTANCE

_____	_____
_____	_____
_____	_____
_____	_____

3. Please attach a copy (or copies, if applicable) of the most recent Hazardous Substance Inventory for your facility.
4. Review the list of priority pollutants in Appendix A and indicate any applicable reason or reasons to expect or suspect that a particular priority pollutant may be present in wastewater discharge(s) generated at your facility.

PART VII - INFORMATION ON OTHER POTENTIALLY TOXIC POLLUTANTS

The priority pollutants listed in this application do NOT include all toxic or hazardous substances that may possibly be present in industrial waste discharges. Applicants must identify and notify the Board of any and all toxic pollutants that are known or expected to be present in any of the wastewater discharges to the public sewer system from your facility.

Such pollutants may include but are not necessarily limited to:

- A. Water Conditioning Chemical Additives – including chemical to control scale, corrosion and biological growths in potable water, plant service water, hot water heating or boiler systems, and cooling systems. NOTE: If reporting any such chemicals, identify the trade name(s) of additives, list main chemical ingredients and submit Material Safety Data Sheets (MSDS) for each additive.
- B. Hazardous substances that are subject to spill reporting requirements under Section 311 of the Clean Water Act.
- C. Toxic or hazardous substances that must be identified under the EPA’s NPDES program regulations 40 CFR 122.21(-g)(7).
- D. Other organic pollutants detected while performing the required GC/MS analysis on the proposed wastewater discharge for this application.

Based upon your knowledge of the use or manufacturing of various chemical or other materials at your facility, identify any other toxic or hazardous materials which are known or likely to be present in any wastewater discharges from your facility:

<u>Chemical Substance or Compound</u>	<u>Reason for Presence in Discharge</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Based on the information presented by the applicant, the Authority will determine whether or not a discharge will be accepted and whether or not pretreatment limitations or other control requirements are necessary.

Appendix A

POLLUTANT GROUP C-1: VOLATILE ORGANICS	If you have any reason to expect or suspect that any of the following pollutants may be present in this discharge, check the appropriate block or describe another reason.						
	Raw Material	Manufactured Product	Stored Material	Intermediate Product	By-Product	Intake Water	Other (Explain)
Acrolein							
Acrylonitrile							
Benzene							
Bromoform							
Carbon tetrachloride							
Chlorobenzene							
Chlorodibromomethane							
Chloroethane							
2-chloroethylvinyl ether							
Chloroform							
Dichlorobromoethane							
1,1-Dichloroethane							
1,2-dichloroethane							
1,1-dichloroethylene							
1,2-dichloropropane							

POLLUTANT GROUP C-1: VOLATILE ORGANICS (Continued)	If you have any reason to expect or suspect that any of the following pollutants may be present in this discharge, check the appropriate block or describe another reason.						
	Raw Material	Manufactured Product	Stored Material	Intermediate Product	By-Product	Intake Water	Other (Explain)
	1,3-dichloropropylene						
Ethylbenzene							
Methyl bromide							
Methylene chloride							
1,1,2,2-tetrachloroethane							
Tetrachloroethylene							
Toluene							
1,2-trans-dichloroethylene							
1,1,1-trichloroethylene							
1,1,2-trichloroethane							
Trichloroethylene							
Vinyl chloride							

POLLUTANT GROUP C-2: ACID-FRACTION ORGANICS	If you have any reason to expect or suspect that any of the following pollutants may be present in this discharge, check the appropriate block or describe another reason.						
	Raw Material	Manufactured Product	Stored Material	Intermediate Product	By- Product	Intake Water	Other (Explain)
2-chlorophenol							
2,4-dichlorophenol							
2,4-dimethylphenol							
4,6-dinitro-o-cresol							
2,4-dinitrophenol							
2-nitrophenol							
4-nitrophenol							
p-chloro-m-cresol							
Pentachlorophenol							
Phenol							
2,4,6-trichlorophenol							

POLLUTANT GROUP C-3:	If you have any reason to expect or suspect that any of the following pollutants may be present in this discharge, check the appropriate block or describe another reason.						
	BASE-NEUTRAL FRACTION ORGANICS						
	Raw Material	Manufactured Product	Stored Material	Intermediate Product	By-Product	Intake Water	Other (Explain)
Acenaphthene							
Acenaphthylene							
Anthracene							
Benzidine							
Benzo (a) anthracene							
Benzo (a) pyrene							
3,4-benzo-fluoranthene							
Benzo (ghi) perylene							
Benzo (k) fluoranthene							
Bis (2-chloroethoxy) methane							
Bis (2-chloroethyl) ether							
Bis (2-chloro-isopropyl) ether							
Bis (2-ethylhexyl) phthalate							
4-bromophenyl phenyl ether							
butyl benzyl phthalate							

POLLUTANT GROUP C-3: BASE-NEUTRAL FRACTION ORGANICS (Continued)	If you have any reason to expect or suspect that any of the following pollutants may be present in this discharge, check the appropriate block or describe another reason.						
	Raw Material	Manufactured Product	Stored Material	Intermediate Product	By- Product	Intake Water	Other (Explain)
2-chloronaphthalene							
4-chlorophenyl phenylether							
Chrysene							
Dibenzo (a,h) anthracene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene							
3,3-dichlorobenzene							
Diethyl phthalate							
Dimethyl phthalate							
Di-n-butyl phthalate							
2,4-dinitrotoluene							
2,6-dinitrotoluene							
Di-n-octyl phthalate							
1,2-diphenylhydrazine (Azobenzene)							

POLLUTANT GROUP C-3: BASE-NEUTRAL FRACTION ORGANICS (Continued)	If you have any reason to expect or suspect that any of the following pollutants may be present in this discharge, check the appropriate block or describe another reason.						
	Raw Material	Manufactured Product	Stored Material	Intermediate Product	By- Product	Intake Water	Other (Explain)
Fluoranthene							
Fluorene							
Hexachlorobenzene							
Hexachlorocyclopentadiene							
Hexachloroethane							
Indeno (1,2,3-cd) pyrene							
Isophorone							
Naphthalene							
Nitrobenzene							
N-nitrosodimethylamine							
N-nitrosodi-n-propylamine							
N-nitrosodiphenylamine							
Phenanthrene							
Pyrene							
1,2,4-trichlorobenzene							

POLLUTANT GROUP C-4: PESTICIDES AND PCB's	If you have any reason to expect or suspect that any of the following pollutants may be present in this discharge, check the appropriate block or describe another reason.						
	Raw	Manufactured	Stored	Intermediate	By-	Intake	Other
	Material	Product	Material	Product	Product	Water	(Explain)
Aldrin							
Alpha BHC							
Beta BHC							
Gamma BHC							
Delta BHC							
Chlordane							
4,4-DDT							
4,4-DDE							
4,4-DDD							
Dieldrin							
Alpha-endosulfan							
Beta-endosulfan							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							

POLLUTANT GROUP C-4: PESTICIDES AND PCB's (Continued)	If you have any reason to expect or suspect that any of the following pollutants may be present in this discharge, check the appropriate block or describe another reason.						
	Raw	Manufactured	Stored	Intermediate	By-	Intake	Other
	Material	Product	Material	Product	Product	Water	(Explain)
Heptachlor							
Heptachlor epoxide							
Toxaphene							
2,3,7,8-tetra-chlorodibenzo-p-dioxin (TCDD)							
OCB-1221							
PCB-1232							
PCB-1242							
PCB-1248							
PCB-1254							
PCB-1260							
PCB-1016							